Table 1 - RBR Change Table: This table identifies modifications to existing requirements in the RbR class as identified in the 7/31/96 baseline version of the RTM database.

RBR_id	req_ key	req_ category	segment	req_type	s_verif_ method	s_verif_ stat	a_verif_ method	a_verif_ stat	text	interpretation text	clar._text
LAND-0030#A	5664	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Demo	un-verified	Demo	un-verified	The LPS shall have the capability to send and the ECS shall have the capability to receive data availability notices for Landsat 7 Level 0R data, and associated inventory metadata and browse data.	Release A involves interface testing for message transport protocol only.	
LAND-0050#A	5697	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	The LPS shall have the capability to send and the ECS shall have the capability to receive inventory metadata for Landsat 7 Level 0R data.	~~Test data transfer only.~~ Release A involves interface testing for message transport protocol only with associated test data.	
LAND-0060#A	6101	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	The LPS shall have the capability to send and the ECS shall have the capability to receive browse data for Landsat 7 Level 0R data.	~~Test data transfer only.~~ Release A involves interface testing for message transport protocol only with associated test data.	
LAND-0070#A	5707	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	The LPS shall have the capability to send and the ECS shall have the capability to receive Landsat 7 Level 0R data.	~~Low volume test data transfer only.~~ Release A involves interface testing for message transport protocol only with associated test data.	
LAND-0080#A	5709	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	The ECS shall have the capability to send and the LPS shall have the capability to receive a data transfer acknowledgment.	~~File transfer protocol supported response.~~ Release A involves interface testing for message transport protocol only.	
LAND-0085#A	5711	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	The ECS shall have the capability to send and the LPS shall have the capability to receive an acknowledgment after ECS archives the Landsat 7 data.	SDPS generated Data Delivery Notice; message transfer capability only; no data archive.	
LAND-0150#A	5737	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Test	un-verified	Test	un-verified	All information exchanged between the Landsat 7 System and the ECS shall be provided in mutually agreed to formats.	Message formats only.	
LAND-0170#A	5747	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Analysis	un-verified	Analysis	un-verified	ECS elements shall be capable of supporting end-to-end test and verification activities of the EOS program including pre-launch, satellite verification, and instrument verification and operational phases as they pertain to the Landsat 7/ECS interface.	~~Support only data transfer from Landsat Processing System.~~ Release A involves supporting interface testing for message transport protocol only.	

LAND-0185#A	5756	~~N/A~~ mission essential	SDPS	interface	~~TBD~~ Analysis	un-verified	Analysis	un-verified	The ECS shall be capable of supporting interface testing, operations testing and acceptance testing with the LPS, IAS and MOC.	~~LPS interface test support only.~~ Release A involves support interface testing for message transport protocol only for LPS only.	
LAND-0220#A	5845	~~N/A~~ mission essential	CSMS	~~interface~~ procedural	~~TBD~~ Inspec-tion	un-verified	Inspec-tion	un-verified	The Landsat 7 LPS shall provide the FDDI connector(s) and cable for connection to the ECS router and FDDI interface at EDC, required to transmit and recieve Landsat 7 data to and from ECS.	Prior to LPS installation at EDC (7/97), alternate comm interface required.	
NSI-0010#A	6229	mission essential	CSMS	procedural	inspec-tion	un-verified	inspec-tion	un-verified	NSI, ~~resposible~~ responsible for EOSDIS "Mission Success" network services, shall provide network connectivity to the following ECS facilities: a. ECS at the GSFC DAAC, Goddard Space Flight Center (GSFC), Greenbelt, Maryland c. System Monitoring and Coordination facility (SMC), Goddard Space Flight Center (GSFC), Greenbelt, Maryland f. ECS at the LaRC DAAC, Langley Research Center (LaRC), Hampton, Virginia	Release A is for GSFC DAAC, SMC, and LaRC DAAC only.	
NSI-0020#A	6230	N/A proc edural	~~CSMS~~ N/A pr ocedural	procedural	not verified by ECS	~~un-verified~~ N/A pro-cedural	not verified by ECS	~~un-verified~~ N/A pro-cedural	NSI shall provide support for TCP/IP communication protocols and services to ESN.		X-ref ESN-1340#A for explicit ECS requirement for TCP/IP support with external interfaces.
NSI-0030#A	6231	mission essential	CSMS	interface	demo	un-verified	demo	un-verified	NSI shall have the capability of sending and ECS shall have the capability of receiving notification of faults in NSI's network that may affect the quality of NSI services between ECS and its users.		
NSI-0040#A	6232	mission essential	CSMS	interface	demo	un-verified	demo	un-verified	NSI shall make available to ECS information regarding fault status and estimated time to repair or resolve NSI faults that may affect the quality of NSI services between ECS and its users.		ECS must be able to access or receive the information.
NSI-0050#A	6233	mission essential	CSMS	interface	demo	un-verified	demo	un-verified	NSI shall provide ECS with periodic summary information about faults that may have affected the quality of NSI services between ECS and its users.		ECS must be able to access or receive the information.

NSI-0060#A	6234	mission essential	CSMS	interface	demo	un-verified	demo	un-verified	NSI shall provide ECS SMC with load analysis reports, reflecting or summarizing NSI performance measurements over various time intervals.		ECS must be able to access or receive the information.
NSI-0070#A	6235	mission essential	CSMS	interface security	demo	un-verified	demo	un-verified	NSI shall have the capability of sending and ECS shall have the capability of receiving notification of security breaches at NSI sites or within the NSI network that could potentially affect ECS sites.		
NSI-0080#A	6247	mission essential	CSMS	interface security	demo	un-verified	demo	un-verified	ECS shall have the capability of sending and NSI shall have the capability of receiving notification of security breaches at ECS facilities that could affect NSI and other EOSDIS sites.		
V0-0010#A	3042	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	~~un-~~ verified	The ECS shall provide two way interoperability to the ESDIS V0 system IMS via Level 3 interoperability.		
V0-0020#A	3044	~~TBD~~ mission essential	CSMS	interface security	~~TBD~~ test	un-verified	test	~~un-~~ verified	ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive User Authentication Requests [implementation issue 1].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0030#A	5864	~~TBD~~ mission essential	CSMS	interface security	~~TBD~~ test	un-verified	test	~~un-~~ verified	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive ECS User Authentication Information [implementation issue 1].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0040#A	3048	~~TBD~~ mission essential	CSMS	interface security	~~TBD~~ test	un-verified	test	~~un-~~ verified	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive V0 User Authentication Requests [implementation issue 1].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0050#A	3050	~~TBD~~ mission essential	CSMS	interface security	~~TBD~~ test	un-verified	test	~~un-~~ verified	ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive V0 User Authentication Information [implementation issue 1].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.

V0-0055#A	3052	~~TBD~~ mission essential	CSMS	interface	~~TBD~~ test	un-verified	test	un-verified	Version 0 shall permit ECS to use agreed upon Version 0 network components and services.		
V0-0060#A	3054	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Requests via V0 protocols.		
V0-0070#A	3056	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Inventory Search Results via V0 protocols.		
V0-0080#A	3058	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and the ESDIS V0 IMS shall have the capability to receive Guide Search Requests via V0 protocols.		
V0-0090#A	3060	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Guide Search Results via V0 protocols.		
V0-0100#A	3062	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and the ESDIS V0 IMS shall have the capability to receive Browse Requests via V0 protocols.		
V0-0110#A	3064	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive and Browse Results via V0 protocols.		
V0-0120#A	3066	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Product Requests via V0 protocols.		
V0-0150#A	3068	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	ESDIS V0 IMS shall have the capability to send and the ECS shall have the capability to receive Inventory Search Requests via V0 protocols.		
V0-0160#A	3070	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	ECS shall have the capability to send and ESDIS V0 IMS shall have the capability to receive Inventory Search Results via V0 protocols.		
V0-0170#A	3072	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Guide Search Requests [implementation issue 2].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.

V0-0180#A	3074	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and V0 ESDIS IMS shall have the capability to receive Guide Search Results [implementation issue 2].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0190#A	3076	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	V0 ESDIS IMS shall have the capability to send and ECS shall have the capability to receive Browse Requests [implementation issue 2].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0200#A	3078	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability to send and V0 ESDIS IMS shall have the capability to receive Browse Results [implementation issue 2].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0230#A	3080	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ESDIS V0 IMS shall have the capability to send and ECS shall have the capability to receive Product Requests via V0 protocols.		
V0-0240#A	3082	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	ECS and Version 0 shall exchange pricing information, as necessary.		
V0-0260#A	5918	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 IMS shall have the capability to send and ECS shall have the capability to receive Migration Metadata.		
V0-0270#A	5876	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Data Products.		
V0-0280#A	5880	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Browse Data.		
V0-0290#A	5883	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Documentation Data.		
V0-0300#A	5887	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAAC V0 DADS shall have the capability to send and ECS shall have the capability to receive Migration Ancillary Data and Correlative Data.		
V0-0310#A	5890	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Data Products.		

V0-0320#A	5897	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Browse Data.		
V0-0330#A	5900	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Metadata.		
V0-0331#A	5903	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAACs V0 PGS shall have the capability to send and ECS shall have the capability to receive Migration Data Products according to the agreed schedule.		
V0-0340#A	5905	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability of ingesting migration data in the following data format (s): a. HDF b. native format ~~c. TBD~~		
V0-0350#A	5909	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS shall have the capability of receiving data products from the DAAC(s) V0 system on the following media: a. CD-ROM b. 4mm tape c. 8mm tape d. 6250 bpi magnetic tape e. electronic transfer		
V0-0360#A	5914	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The ECS and DAAC(s) shall have the capability to exchange Migration Coordination messages [implementation issue 3].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0370#A	3119	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	The DAAC(s) shall have the capability to send and ECS shall have the capability to receive Advertising Information [implementation issue 6].		Reference IRD between EOSDIS Project & V0 System (505-41-11 Appendix B) for implementation issue description.
V0-0380#A	3121	~~TBD~~ mission essential	SDPS	interface	~~TBD~~ test	un-verified	test	un-verified	ECS shall have the capability to send and the ESDIS IMS team shall have the capability to receive Dependent Valids Information.		